

AMENDMENTS TO THE DRAWINGS:

Please replace to drawing figures with the attached drawing sheets.

The drawings have been amended to be in English and to remove features not discussed in the specification.

**REMARKS**

The Examiner is thanked for the due consideration given the application. The specification has been amended to insert headings and improve the language. Amended drawing figures are attached to this paper.

Claims 1-9 are pending in this application. Claim 1 is amended in which support for the representing step is found in the specification at page 4, last paragraph, support for the breaking down step can be found in the specification at page 5, lines 23-24, support for the transcribing step can be found in the specification at page 6, first and fourth paragraphs, and support for the precompiling and compiling steps can be found in the specification at page 2, lines 13-14. Claims 2-9 have been amended to improve the language in a non-narrowing fashion.

No new matter is believed to be added to the application by this amendment.

**The Drawings**

The drawings have been objected to as not being labeled in English. The substitute drawing figures are labeled in English.

The drawings have been objected to as not including a reference numeral "150" described in the specification. The specification has been amended to remove this reference numeral.

The drawings have been objected to as containing features (objects "15" and "215") not described in the

specification. The substitute drawing figures do not include these features.

**The Specification**

The specification has been objected to as not having headings. The specification has been amended to insert headings.

**Rejection Under 35 USC §112, Second Paragraph**

Claims 1-9 have been rejected under 35 USC §112, second paragraph as being indefinite. This rejection is respectfully traversed.

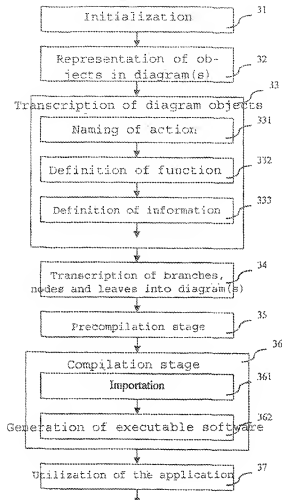
The comments in the Office Action have been considered, and the claims have been amended to be clear, definite and have full antecedent basis.

This rejection is believed to be overcome, and withdrawal thereof is respectfully requested.

**Rejection under 35 USC §103(a)**

Claims 1-9 have been rejected under 35 USC §103(a) as being unpatentable over TARUISHI (U.S. Patent 5,841,656) in view of ETTRITCH et al. (U.S. Patent 6,467,079). This rejection is respectfully traversed.

The present invention pertains to a method for generating application software for managing a process, where the method implements a system software that is common to all of the application software. The present invention is illustrated, by way of example, in Figure 3 of the application, which is reproduced below.



This schema is reflected in claim 1, which sets forth:

*cybernetically representing said process in a set  
for tasks and in relationships between the tasks;*

*breaking down each task into sub-blocks of tasks,  
until all actions of the process are described using  
at least one diagram composed of components including  
a root, branches, nodes and leaves, whereby each of  
the components is represented by an action  
corresponding to a generic object of an attributing  
class;*

*transcribing each object of each diagram into an  
attributed generic object by capturing data in*

*predetermined formats associated with said attributes by using a capture interface associated to each class of generic object;*

*automatic precompiling to verify that the attributed objects required for an operation logic of the application are present and are supplied appropriately in terms of syntax;*

*automatic compiling during which data description of the attributed objects are integrated and are assembled with the system software to produce an executable application software; and*

*executing executable software of the application.*

In accordance with instant claim 1, **every component** (root, branch, node, leaf) corresponds to a generic object of an attributed class. The transcription of an object is performed by capturing data in **predetermined format** associated with the attributes by using a **capture interface associated to the class** of the generic object.

TARUISHI pertains to a programming system for sequence control. TARUISHI discloses a development tool which can be used by software developers or people skilled in computer science.

This tool of TARUISHI is helpful for controlling determined physical processes, the steps thereof being stored *a priori* in a sequence table.

But TARUISHI does not manipulate **classes** and **objects** in the sense of oriented objects programming languages.

It follows that TARUISHI does not disclose a method allowing to bread down a task into sub-blocks of tasks where all the actions of the process are described using s diagram composed of a root, branches, nodes and leaves, each of these components being represented by an action corresponding to a ***generic object*** of an ***attributed class***.

TARUISHI does not disclose the use of ***capture interfaces associated to each class of generic objects***.

TARUISHI does not disclose, during a precompilation stage, a step of verifying that the objects required for the operation logic are present and supplied appropriately in terms of syntax.

The Office Action acknowledges that TARUISHI does not disclose a precompilation stage and turns to ETTRITCH et al.

ETTRITCH et al. disclose a method to convert report program language (RPG) into object-oriented source code (e.g., java) to generate Web applications.

First, it should be emphasized that the word "class" used in ETTRITCH et al. designates in reality the "methods" used in object oriented languages.

In addition, ETTRITCH et al. indisputably does not disclose the step of transcribing objects using a capture interface associated to a class of object.

One of ordinary skill and creativity would thus not produce claim 1 of the present invention from a knowledge of

TARUISHI and ETTRITCH et al. A *prima facie* case of unpatentability has thus not been made. Claims depending upon claim 1 are patentable for at least the above reasons.

This rejection is believed to be overcome, and withdrawal thereof is respectfully presented.

Conclusion

The Examiner is thanked for considering the Information Disclosure Statement filed October 5, 2004, and for making the references therein of record in the application.

Prior art of record but not utilized is believed to be non-pertinent to the instant claims.

As no issues remain, the issuance of a Notice of Allowability is respectfully solicited.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

The Commissioner is hereby authorized in this, concurrent, and future submissions, to charge any deficiency or credit any overpayment to Deposit Account No. 25-0120 for any

additional fees required under 37 C.F.R. § 1.16 or under 37  
C.F.R. § 1.17.

Respectfully submitted,

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**APPENDIX:**

The Appendix includes the following item(s):

☒ - replacement drawing figures.